

Notice of Allowability

Application No.

10/705,229

Applicant(s)

YO ET AL.

Examiner

Art Unit

Matthew G. Kayrish

2653

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____

DETAILED ACTION

Reasons for Allowance

1. The following is an examiner's statement of reasons for allowance:

Claim 1 recites:

A comparable turning wheel, placed in said opening and covering said spindle motor, wherein the upper surface of said comparable turning wheel is in parallel with the rotation plane of said spindle motor and a plurality of turbine-like blades are set at the edge of said comparable turning wheel;

A gaseous spray nozzle, mounted on the top surface of said optic axis regulating tool and facing the edge of said comparable turning wheel and spraying gas out toward said turbine-like blades to drive rotation of said comparable turning wheel and to simultaneously drive rotation of said spindle motor.

An autocollimator, emitting light beams respectively onto said standard plate and said comparable turning wheel and detecting the reflective light beams thereof to decide the inclination of said comparable turning wheel in relation with said standard plate;

Wherein an operator can regulate said adjustable screws on said driving circuit board through said optic axis regulating tool, based on the detecting results of said autocollimator so as to regulate the inclination angle of said spindle motor.

Claim 5 recites:

Placing a comparable turning wheel in said opening and covering said spindle motor with said comparable turning wheel; and

A plurality of turbine-like blades are set at the edge of said comparable turning wheel;

Spraying gas out toward said turbine-like blades of said comparable turning wheel with a gaseous spray nozzle to drive rotation of said comparable turning wheel and to simultaneously drive rotation of said spindle motor;

Detecting the inclination of the upper surface of said comparable turning wheel in relation with said standard plate.

Claim 9 recites:

A comparable turning wheel, place in said opening and covering said spindle motor; and

An autocollimator, emitting light beams respectively onto said standard plate and said comparable turning wheel and detecting the reflective light beams thereof to decide the inclination of said comparable turning wheel in relation with said standard plate;

Said adjustable apparatus characterized by pneumatically driving rotation of said comparable turning wheel and simultaneously driving rotation of said spindle motor such that an operator can regulate the inclination angle of said spindle motor through said optic axis regulating tool, based on the detecting results of said autocollimator.

Claim 10 recites:

The adjustment apparatus of claim 9, wherein a gaseous spray nozzle is mounted on the top surface of said optic axis regulating tool and sprays gas out toward the edge of said comparable turning wheel to drive rotation of said comparable turning wheel and to simultaneously drive rotation of said spindle motor.

2. These features in combination with the other features on the claims are not anticipated by, nor made obvious over the prior art of the record.
3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew G. Kayrish whose telephone number is 571-272-4220. The examiner can normally be reached on 8am - 5pm M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Korzuch can be reached on 571-272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

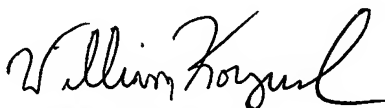
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



MK

9-19-05



WILLIAM KORZUCH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800